Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	13	(("5440726") or ("5748882") or ("5938775") or ("6145089") or ("6678369") or ("6523139") or ("6246666") or ("6782496") or ("6654801") or ("6820221") or ("6567937") or ("6789114") or ("6687847")).PN.	USPAT	OR	OFF	2005/10/12 10:57
L2	0	l1 and cooperative near multitask$	USPAT	OR	ON	2005/10/12 11:44
L3	0	("714.clas") and cooperative near multitask$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/12 11:44
L4	0	(714/25.ccls.) and cooperative near multitask$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/12 11:45
S1	0	heartbeat same worker same kernel	USPAT	OR	ON	2005/04/25 10:42
S2	21	heartbeat same kernel	USPAT	OR	ON	2005/04/25 10:52
S3	72	heartbeat same operating adj system	USPAT	OR	ON	2005/04/25 10:53
S4	4	heartbeat same operating adj system.ab.	USPAT	OR	ON	2005/04/25 10:52
S5	14	heartbeat same operating adj system same processes	USPAT	OR	ON	2005/04/25 11:07
S6	121	heartbeat.ti.	USPAT	OR	ON	2005/04/25 11:07
S7	1	heartbeat.ti. same processes	USPAT	OR	ON	2005/04/25 11:08
S8	1	heartbeat.ab. and (719/310.ccls.)	USPAT	OR	ON	2005/04/25 11:17
S9	0	heartbeat.ab. and (719/311.ccls.)	USPAT	OR	ON	2005/04/25 11:17
S10	0	heartbeat.ab. and (719/312.ccls.)	USPAT	OR	ON	2005/04/25 11:17
S11	0	heartbeat.ab. and (719/313.ccls.)	USPAT	OR	ON	2005/04/25 11:17
S12	0	heartbeat.ab. and (719/314.ccls.)	USPAT	OR	ON	2005/04/25 11:17
S13	0	heartbeat.ab. and (719/315.ccls.)	USPAT	OR	ON	2005/04/25 11:17
S14	0	heartbeat.ab. and (719/316.ccls.)	USPAT	OR	ON	2005/04/25 11:17
S15	0	heartbeat.ab. and (719/317.ccls.)	USPAT	OR	ON	2005/04/25 11:17
S16	1	heartbeat.ab. and (719/318.ccls.)	USPAT	OR	ON	2005/04/25 11:19
S17	0	heartbeat.ab. and (719/319.ccls.)	USPAT	OR	ON	2005/04/25 11:17
S18	0	heartbeat.ab. and (719/320.ccls.)	USPAT	OR	ON	2005/04/25 11:19
S19	0	heartbeat.ab. and (719/321.ccls.)	USPAT	OR	ON	2005/04/25 11:19

S20	0	heartbeat.ab. and (719/322.ccls.)	USPAT	OR	ON	2005/04/25 11:19
S21	0	heartbeat.ab. and (719/323.ccls.)	USPAT	OR	ON	2005/04/25 11:19
S22	0	heartbeat.ab. and (719/324.ccls.)	USPAT	OR	ON	2005/04/25 11:19
S23	0	heartbeat.ab. and (719/325.ccls.)	USPAT	OR	ON	2005/04/25 11:19
S24	0	heartbeat.ab. and (719/326.ccls.)	USPAT	OR	ON	2005/04/25 11:19
S25	0	heartbeat.ab. and (719/327.ccls.)	USPAT	OR	ON	2005/04/25 11:19
S26	0	heartbeat.ab. and (719/328.ccls.)	USPAT	OR	ON	2005/04/25 11:19
S27	0	heartbeat.ab. and (719/329.ccls.)	USPAT	OR	ON	2005/04/25 11:19
S28	0	heartbeat.ab. and (719/330.ccls.)	USPAT	OR	ON	2005/04/25 11:20
S29	0	heartbeat.ab. and (719/331.ccls.)	USPAT	OR	ON	2005/04/25 11:20
S30	0	heartbeat.ab. and (719/332.ccls.)	USPAT	OR	ON	2005/04/25 11:20
S31	2	heartbeat and (719/318.ccls.)	USPAT	OR	ON	2005/04/25 11:22
S32	13	heartbeat and (719/310,311,312, 313.ccls.)	USPAT	OR	ON	2005/04/25 11:26
S33	16	heartbeat and (719/314,315,316, 317.ccls.)	USPAT	OR	ON	2005/04/25 11:28
S34	7	heartbeat and (719/319,320,321, 322,323.ccls.)	USPAT	OR	ON	2005/04/25 11:30
S35	9	heartbeat and (719/324,325,326, 327,328.ccls.)	USPAT	OR	ON	2005/04/25 11:33
S36	5	heartbeat and (719/329,330,331, 332.ccls.)	USPAT	OR	ON	2005/04/25 12:12
S37	486	heartbeat.ti.	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/25 12:13
S38	8	heartbeat same processes.ti.	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/25 12:15
S39	64	heartbeat same processes.ab.	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/25 12:22
S40	15	heartbeat same api	USPAT	OR	ON	2005/04/25 13:26
S41	18	heartbeat and (714/15.ccls.)	USPAT	OR	ON	2005/04/25 13:44
S42	18	heartbeat and (714/100,1,2.ccls.)	USPAT	OR	ON	2005/04/25 13:45
S43	17	S42 not S41	USPAT	OR	ON	2005/04/25 13:47
S44	14	heartbeat near5 api	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/25 13:50

S45	136	heartbeat near5 interface	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/25 14:03
S46	21	heartbeat near5 interface same process	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/25 13:50
S47	63	heartbeat near5 interface	USPAT	OR	ON	2005/04/25 16:48
S48	0	heartbeat near api	USPAT	OR	ON	2005/04/25 16:48
S49	0	heartbeat near2 api	USPAT	OR	ON	2005/04/25 16:48
S50	12	worker same heartbeat	USPAT	OR	ON	2005/04/26 08:04
S51	191	worker and heartbeat	USPAT	OR	ON	2005/04/26 08:04
S52	16	worker and heartbeat.ab.	USPAT	OR	ON	2005/04/26 08:04
S53	1	worker.ab. and heartbeat	USPAT	OR	ON	2005/04/26 08:05
S54	2	worker near2 (thread or process) and heartbeat	USPAT	OR	ON	2005/04/26 08:07
S55	20	worker near2 (thread or process) and heartbeat	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/26 08:49
S56	213	interrupt adj free	US-PGPUB; USPAT	OR	ON	2005/10/06 11:59
S57	3	(718/106,107.ccls.) and interrupt near free	US-PGPUB; USPAT	OR	ON	2005/10/06 12:02
S58	1	(718/106,107.ccls.) and interrupt-free	US-PGPUB; USPAT	OR	ON	2005/10/06 12:02
S59	1	"6314471".pn.	US-PGPUB; USPAT	OR	ON	2005/10/06 12:04
S60	65	(718/106,107.ccls.) and diagnostic	US-PGPUB; USPAT	OR	ON	2005/10/06 12:23
S61	1	"5680645".pn. and monitor adj program	US-PGPUB; USPAT	OR	ON	2005/10/06 12:43
S62	89	cooperative near2 multitasking	US-PGPUB; USPAT	OR	ON	2005/10/06 14:33
S63	1	"6314471".uref.	US-PGPUB; USPAT	OR	ON	2005/10/06 13:16
S64	7	cooperative near2 multitasking	USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/06 13:28

S65	14	bullock same lewis.xa,xp. and yield	USPAT	OR	ON	2005/10/06 13:29
S66	0	bullock same lewis.xa,xp. and yield.ab.	USPAT	OR	ON	2005/10/06 13:29
S67	96	cooperative near2 multitasking	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/06 14:34
S68	1	cooperative near2 multitasking and heartbeat	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/06 14:34
S69	0	cooperative near2 multitasking same monitor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/06 14:35
S70	68	cooperative near2 multitasking and monitor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/06 14:35
S71	4	cooperative near2 multitasking and monitor.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/06 14:35
S72	1	"6754690".pn.	USPAT	OR	ON	2005/10/07 11:29
S73	48	cooperative adj multitask$	USPAT	OR	ON	2005/10/11 16:29
S74	1	cooperative adj multitask$ same diagnostic	USPAT	OR	ON	2005/10/11 16:29
S75	1	cooperative adj multitask$ same diagnostic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/11 16:29
S76	1	cooperative adj multitask$ same diagnos$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/11 16:29

Published before January 2002
Terms used **cooperative multitasking**

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1 Cooperative multitasking on the RTX 2000
R. Vannorman
January 1989 **Proceedings of the first annual workshop on Forth**
Additional Information: full citation, index terms

2 Power-and Energy-Aware Computing: The performance and energy consumption of three embedded real-time operating systems
Kathleen Baynes, Chris Collins, Eric Fiterman, Brinda Ganesh, Paul Kohout, Christine Smit, Tiebing Zhang, Bruce Jacob
November 2001 **Proceedings of the 2001 international conference on Compilers, architecture, and synthesis for embedded systems**
Full text available: pdf(291.75 KB) Additional Information: full citation, abstract, references, citings, index terms

This paper presents the modeling of embedded systems with SimBed, an execution-driven simulation testbed that measures the execution behavior and power consumption of embedded applications and RTOSs by executing them on an accurate architectural model of a microcontroller with simulated real-time stimuli. We briefly describe the simulation environment and present a study that compares three RTOSs: &mgr;C/OS-II, a popular public-domain embedded real-time operating system; Echidna, a sophisticated ...

3 A framework for the assessment of operating systems for small computers
Hossein Saiedian, Munib Siddiqi
April 1996 **ACM SIGICE Bulletin**, Volume 21 Issue 4
Full text available: pdf(1.89 MB) Additional Information: full citation, abstract, references, index terms

A number of high performance operating systems are now available for small computers on different hardware platforms. These operating systems offer many advanced features formerly reserved for their workstation and minicomputer counterparts. This article surveys the most widely used of such operating systems, namely OS/2, Windows NT, Linux and Macintosh System 7.5. It provides an account on the history, design objectives and evolution of these operating systems and discusses their key features, ...

Keywords: CP/M, DOS, Linux, Macintosh, Microcomputers, OS/2, Operating Systems, Small Computer Systems, Windows, Windows NT

4 Porting themcc PowerPC C/C++ compiler into an interactive development environment
Farooq Butt
August 1996 **ACM SIGPLAN Notices**, Volume 31 Issue 8

Full text available: pdf(713.50 KB) Additional Information: full citation, abstract, index terms

The quest for software reuse often leads to tools such as compilers and assemblers being used in environments for which they were never designed. This paper discusses the experiences of dropping the Motorola **mcc** command-line based UNIX PowerPC™ compiler into the Macintosh Finder Operating System under the Metrowerks Codewarrior Interactive Development Environment (IDE). We explore the issues that arise when attempting such a project as well as potential pitfalls and challenges.

5 Learning forth with modular forth
Paul Frenger
March 2000 **ACM SIGPLAN Notices**, Volume 35 Issue 3

Full text available: pdf(636.88 KB) Additional Information: full citation, index terms

6 Effective homology of a classifying space
Xavier Dousson
September 1999 **ACM SIGSAM Bulletin**, Volume 33 Issue 3

Full text available: pdf(611.39 KB) Additional Information: full citation, abstract, index terms

Sergeraert defines in [9] a method to solve the main problems of Constructivism in *Algebraic Topology.* The first resulting computer program, E.A.T., showed this method is a usable concrete framework for a Constructive Algebraic Topology implementation [8].Rubio and Sergeraert solved in this way an important but particular problem: computing the homology of iterated loop spaces. The application field of the EAT program is rather limited, despite its interesting results. Implementation of m ...

7 Towards a taxonomy of software connectors
Nikunj R. Mehta, Nenad Medvidovic, Sandeep Phadke
June 2000 **Proceedings of the 22nd international conference on Software engineering**

Full text available: pdf(184.27 KB) Additional Information: full citation, abstract, references, citings, index terms

Software systems of today are frequently composed from prefabricated, heterogeneous components that provide complex functionality and engage in complex interactions. Existing research on component-based development has mostly focused on component structure, interfaces, and functionality. Recently, software architecture has emerged as an area that also places significant importance on component interactions, embodied in the notion of software connectors. However, the current level of underst ...

Keywords: classification, software architecture, software connector, taxonomy

8 Netscape Plug-Ins
Larry Hoff
September 1999 **Linux Journal**

Full text available: html(21.15 KB) Additional Information: full citation, abstract, references, index terms

Extending Netscape's ability to handle additional file formats

9 Mobile file system support with virtual device drivers
Dorota M. Huizinga, Christine Ames
February 1999 **Proceedings of the 1999 ACM symposium on Applied computing**
Full text available: pdf(1.04 MB) Additional Information: full citation, references, index terms

Keywords: disconnected operation, file system extensibility, mobile computing, virtual device drivers

10 Verifying large-scale multiprocessors using an abstract verification environment
Dennis Abts, Mike Roberts
June 1999 **Proceedings of the 36th ACM/IEEE conference on Design automation**
Full text available: pdf(160.82 KB) Additional Information: full citation, abstract, references, index terms

Due to a patent dispute, full text of this article is not available at this time.

11 Designing a programming system for children with a focus on usability
John F. Pane
April 1998 **CHI 98 conference summary on Human factors in computing systems**
Full text available: pdf(265.24 KB) Additional Information: full citation, references, index terms

Keywords: children, end-user programming, programming environments, psychology of programming

12 Scheduling techniques for reducing processor energy use in MacOS
Jacob R. Lorch, Alan Jay Smith
October 1997 **Wireless Networks**, Volume 3 Issue 5
Full text available: pdf(286.90 KB) Additional Information: full citation, abstract, references, citings, index terms

The CPU is one of the major power consumers in a portable computer, and considerable power can be saved by turning off the CPU when it is not doing useful work. In Apple's MacOS, however, idle time is often converted to busy waiting, and generally it is very hard to tell when no useful computation is occurring. In this paper, we suggest several heuristic techniques for identifying this condition, and for temporarily putting the CPU in a low-power state. These techniques include turning off ...

13 Reducing processor power consumption by improving processor time management in a single-user operating system
Jacob R. Lorch, Alan Jay Smith
November 1996 **Proceedings of the 2nd annual international conference on Mobile computing and networking**
Full text available: pdf(1.36 MB) Additional Information: full citation, references, citings, index terms

14 Software for simulation
Jerry Banks
December 1993 **Proceedings of the 25th conference on Winter simulation**
Full text available: pdf(1.03 MB) Additional Information: full citation, references, citings

15 Software for simulation
Jerry Banks
December 1995 **Proceedings of the 27th conference on Winter simulation**
Full text available: pdf(788.06 KB) Additional Information: full citation, references, citings, index terms

16 Software for simulation
Jerry Banks
December 1994 **Proceedings of the 26th conference on Winter simulation**
Full text available: pdf(828.27 KB) Additional Information: full citation, references, citings, index terms

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Last Name = BOWER
First Name = FRED

✓ jws 10/14/05

Application#	Patent#	Status	Date Filed	Title	Inventor Name
60621562	Not Issued	20	10/22/2004	Self-repairing of microprocessor array structures: tolerating hard faults in microprocessor array structures	BOWER, FRED
09898978	Not Issued	71	07/02/2001	Method of launching low-priority tasks	BOWER, FRED A.
10040130	Not Issued	71	01/02/2002	Executive process monitoring of worker processes	BOWER, FRED A.
10421978	Not Issued	30	04/22/2003	Cooperatively multitasking in an interrupt free computing environment	BOWER, FRED A.
10971347	Not Issued	20	10/22/2004	Self-repairing of microprocessor array structures	BOWER, FRED A.
11144246	Not Issued	20	06/02/2005	Distributed computing environment with remote data collection management	BOWER, FRED A.
10910016	Not Issued	30	08/03/2004	Identifying temporal ambiguity in a aggregated log stream	BOWER, FRED ALLISON
11147240	Not Issued	20	06/08/2005	Pivoting casket carrier	BOWERS, FRED
60580383	Not Issued	159	06/18/2004	Pivoting casket carrier	BOWERS, FRED

Inventor Search Completed: No Records to Display.

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